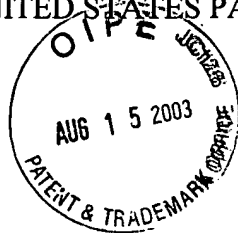


EXPRESS MAILING NO.: EL615212904US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of:
Frederick K. Blades

Application No.: 10/055,754

Filed: January 23, 2002

For: **SERIES ARC FAULT DIAGNOSTIC
FOR AIRCRAFT WIRING**

Art Unit: 2858

Examiner: Lair, Donald M.

Confirmation No.: 7333

Attorney Docket No: 03105.0002.NPUS01

#6 Response
M. Bauman
8/29/03

RESPONSE TO RESTRICTION REQUIREMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

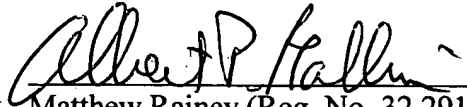
This is in response to the Office Action dated **July 15, 2003**, and is submitted on or before the due date of **August 15, 2003**. Applicant believes that there is no fee associated with the submission of this matter. However, if there is a fee deficiency, the U.S. Patent and Trademark Office is authorized to charge the fee to Deposit Account No 08-3038.

In response to the Restriction Requirement, Applicant hereby provisionally elects the invention Group I, Claims 1 – 10 and 18 - 21, with traverse. (Note: it appears there is a typographical error in the Restriction Requirement, and that "8-21" should have read "18-21".) Applicant respectfully traverses this restriction requirement in the claims, on the basis that each of the independent claims 1, 11, 18, 22 and 29 includes the inventive feature of a probe adapted to sense voltage by a capacitive coupling to a wire in which a fault may need to be located. This important concept forms the basis for a common search and commonality of invention to each of the independent claims.

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If, in the opinion of the Examiner, a telephone conference would expedite the prosecution of the subject application, the Examiner is encouraged to call Matt Rainey at (415) 848-4950.

Respectfully submitted,



Matthew Rainey (Reg. No. 32,291)

Albert P. Halluin (Reg. No. 25,227)

Date: August 15, 2003

HOWREY SIMON ARNOLD & WHITE, LLP

301 Ravenswood Avenue

Box 34

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08-18-03

2858



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FORM PTO-1083

Attorney Docket No.: 03105.0002.NPUS01

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In re application of: Frederick K. Blades
Appl. No.: 10/055,754
Filed: January 23, 2002
For: **SERIES ARC FAULT DIAGNOSTIC FOR AIRCRAFT WIRING**

Transmitted herewith are the following:

1. Form PTO-1083 (in duplicate);
2. Response to Restriction Requirement; and
3. Return receipt postcard

Small entity status of this application under 37 CFR §§ 1.9 and 1.27 has been established by a statement previously submitted.

xx No additional claim fee is required.

The claim fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra
Total Claims	00	MINUS	00	= 00
Indep. Claims	* 00	MINUS	** 00	= 00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				

SMALL ENTITY

Rate	Addit. Fee
x 9 =	\$ 00.00
x 40 =	\$ 00.00
+135 =	\$ 00.00
Total Addit. Fee	\$ 00.00

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OTHER THAN A
SMALL ENTITY

Rate	Addit. Fee
x 18 =	\$ 00.00
x 80 =	\$ 00.00
+ 270 =	\$ 00.00
TOTAL	\$ 00.00

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xx The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing Atty. Docket No. 03105.0002.NPUS01. A duplicate copy of this sheet is attached.

Date: August 15, 2003

Matthew Rainey (Reg. No. 32,291)
Albert P. Halluin (Reg. No. 25,227)